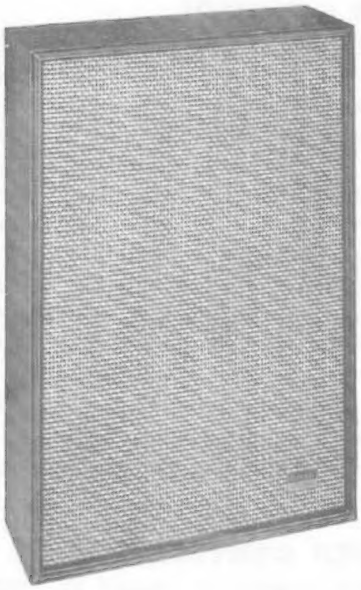
# E-V ONE SLIMLINE LOUDSPEAKER SYSTEM



## FEATURES

- Two separate component quality drivers for wide range, low distortion
- High efficiency for use with any amplifier
- Fine furniture cabinetry finished on four sides

## DESCRIPTION

Given the task of creating a moderately-priced loudspeaker system which, despite space restrictions frequently imposed by modern decor, would reproduce sound faithfully over a broad frequency range, Electro-Voice engineers designed the E-V ONE. These seemingly-disparate objectives were accomplished by employing two drivers, each designed to function in a particular portion of the sound spectrum, matched to a carefully-designed acoustic enclosure of three-fourths-inch hardwood veneer.

Sounds in the lower range--those below 850 cps--are effectively reproduced by a component-quality ten-inch woofer, design refinements of which include a ceramic magnet, precision-wound voice coil, and a linear suspension permitting long--but carefully controlled--excursions.

Sounds in the upper frequencies are reproduced by a five-inch dynamic cone driver of sophisticated design which utilizes silvered aluminum voice coil wire to obtain unusually high conductivity with proportionately low mass. A polyurethane suspension provides optimum compliance and damping.

A two-way electrical crossover provides smooth transition from one driver unit to the other. Finest quality components and etched circuit board construction are employed for maximum power handling capacity and crossover-frequency accuracy.

The ultra-slim totally-sealed enclosure of the E-V ONE is rigidly constructed from five-ply stock throughout and carefully hand finished on four sides in oiled walnut. The nameplate rotates to permit either horizontal or vertical placement.

## SPECIFICATIONS

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|---|---|
| FREQUENCY RESPONSE: | 50 to 15,000 cps |
| NOMINAL IMPEDANCE: | 8 ohms |
| POWER HANDLING CAPACITY | |
| PROGRAM: | 25 watts |
| PEAK: | 50 watts |
| DIMENSIONS: 24-3/8 in. h X 16-3/8 in. w X 5-5/8 in. d | |
| FINISH: | Oiled walnut |
| NET WEIGHT: | 20 pounds |
| SHIPPING WEIGHT: | 22 pounds |

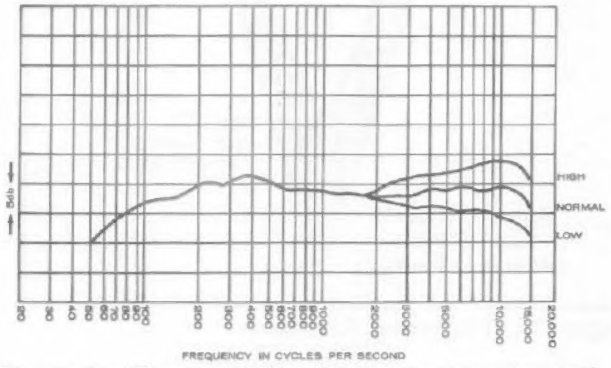


Figure 1 - Representative frequency response and balance control action.

## PLACEMENT

The E-V ONE may be placed on a shelf or table, or on the floor. Generally, however, maximum realism will be obtained if its height from the floor approximates the listener's ear level. A room corner, if available, assures maximum efficiency and bass reproduction, since the room walls act as the sides of a large horn. The E-V ONE performs equally well horizontally or vertically, and the nameplate may be rotated to accommodate either placement.

## PLACEMENT FOR STEREO

The same comments apply to stereophonic placement. In addition, the two systems should be far enough apart to permit listeners to sit at the apex of a 30° to 40° angle, as illustrated. A distance of six to eight feet between stereo speakers will, in most rooms, provide natural separation. Placing loudspeakers too close together or listening at too great a distance will destroy the stereo effect, since essentially monophonic sound will be heard by the listener. Extreme spacing between speakers or listening at too short a distance will produce exaggerated and unreal separation. In long rooms, the loudspeakers should be placed along one of the short walls facing into the long room dimension. This improves bass reproduction and provides good stereo listening over most of the room.

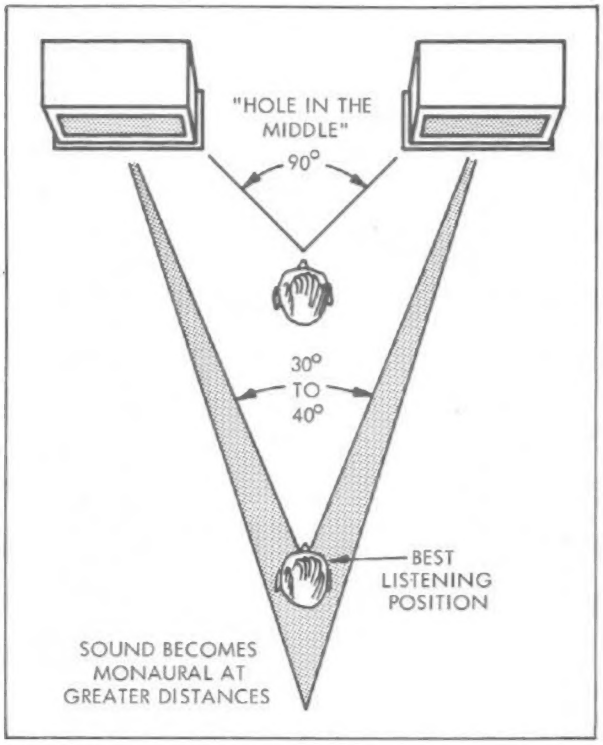


Figure 2 - Placement for stereo

## AMPLIFIER CONNECTIONS

The E-V ONE system has a nominal impedance of eight ohms. Connections, therefore, should be made between the left terminal (T1) and the amplifier eight-ohm terminal; the right terminal (T2) should be connected to the amplifier COMMON terminal (sometimes referred to as "O" or "C"). Connections should be made with No. 18 or larger wire; common zip or lamp cord is quite satisfactory. If the speaker leads are to run behind a molding strip or under a carpet 300-ohm TV twin lead should be used.

## BALANCE CONTROL

The E-V ONE is equipped with an acoustical balance control which is used to accommodate the high-frequency response of the system to varying acoustical environments. A "normal" position is indicated on the control which should be correct in most instances. Acoustically "hard" or "live" rooms may require a retarded setting of the control to compensate for the greater amount of high-frequency reflection. In "soft" or "dead" rooms with carpeting, draperies and soft furniture, an advanced setting of the control will normally be required. The best guide to setting the control properly is, of course, a familiarity with the sound of live music. That position of the control which provides the musical balance most satisfactory to you is correct.

## CUSTOMER SERVICE

The E-V ONE system is packed to provide protection well in excess of shipping requirements of the Interstate Commerce Commission. If shipping damage does occur, contact the carrier, requesting inspection and instructions, or the dealer from whom the unit was purchased. The E-V ONE is guaranteed indefinitely against defects in original workmanship and materials. Should your system become damaged or develop faulty operation from unusual conditions of use, write to the Electro-Voice Service Department requesting return authorization and shipping instructions. Be sure to mention the make and model number of other components used in the system.

Part No. 531166 ELECTRO-VOICE, INC. / Buchanan, Michigan Litho in U.S.A.